

**Amendments to the Specification:**

Please replace the paragraph beginning at page 3, line 2, with the following amended paragraph:

It is therefore an object of the present invention in one aspect to provide an image tracking system for use with an image capture device which obtains digitized image frames of an object, the image tracking system comprising:

- (a) a support for holding the image capture device;
- (b) a processing device for determining an object location value for the object based on the digitized image frames generated by the image capture device;
- (c) a position control device coupled to the support for, in use, rotating the support and the image capture device mounted therein about two axes based on the object location such that the object remains within a center region of each of the digitized image frames, said position control device comprising:
  - (i) a base;
  - (ii) a first motor mounted on the base for generating a first rotational movement based on the object location and a first rotatable member mounted to the base for rotation about a first rotation axis, said first rotatable member being coupled ~~connected~~ to the first motor;
  - (iii) a second motor mounted on the base for generating a second rotational movement based on the object location and a second rotatable member comprising the support mounted to the first rotatable member for rotation about a second rotation axis and being coupled ~~connected~~ to the second motor; and

(iv) said first motor comprising a first shaft member having a first shaft rotation axis longitudinally concentric with the first shaft member, and said second motor comprising a second shaft member having a second shaft rotation axis longitudinally concentric with the second shaft member; ~~such that the first shaft rotation axis and the second shaft rotation axis are motionless and fixed relative to one another, and such that when the first shaft member rotates the second shaft rotation axis remain fixed relative to the first shaft rotation axis.~~

(v) a tendon for coupling the second shaft member to the second rotatable member;

(vi) at least one point on the tendon remaining fixed relative to the second rotation axis when said first shaft member rotates and said second shaft member is stationary, such that the first rotatable movement produced by the rotation of the first shaft element is independent of the second rotatable movement produced by the rotation of the second shaft element.

Please replace the paragraph beginning at page 3, line 26, with the following amended paragraph:

In another aspect, the present invention provides an image tracking system for use with first and second image capture devices which obtains digitized image frames of an object, the image tracking system comprising:

- (a) a first support for holding the first image capture device and a second support for holding the second image capture device;
- (b) a processing device for determining an object location value for the object based on the digitized image frames generated by the image capture device;

- (c) a position control device coupled to the support for, in use, rotating the first and second supports and the first and second image capture devices mounted therein about four axes based on the object location such that the object remains within a center region of each of the digitized image frames, said position control device comprising:
  - (i) a base;
  - (ii) a first motor mounted on the base for generating a first rotational movement based on the object location and a first rotatable member mounted to the base for rotation about a first rotation axis, said first rotatable member being coupled ~~connected~~ to the first motor;
  - (iii) a second motor mounted on the base for generating a second rotational movement based on the object location and a second rotatable member mounted to the first rotatable member for rotation about a second rotation axis and being coupled ~~connected~~ to the second motor;
  - (iv) a third rotatable member comprising the first support and a fourth rotatable member comprising the second support, said third and fourth rotatable members being mounted on the second rotatable member, at least one of said third and fourth rotatable members being rotatably mounted to said second rotatable member; and
  - (v) a third motor mounted on the base for providing relative rotation between said third and said fourth rotatable members.

Please replace the paragraph beginning at page 4, line 29, with the following amended paragraph:

In another aspect, the present invention provides a method of tracking an object, said method comprising ~~the steps~~:

- (a) obtaining a series of digitized image frames from the image capture device;
- (b) identifying the object within each of the digitized frames; and
- (c) providing a first rotational movement to the image capture device about a first rotation axis ~~using a first motor~~ and providing a second rotational movement to the image capture device about a second rotation axis ~~using a second motor~~ such that the object remains within a center region of each of the digitized frames, ~~wherein~~ using:
  - (I) ~~a said first motor~~ having comprises a first shaft member with having a first shaft rotation axis longitudinally concentric with the first shaft member, and said second motor having comprises a second shaft member with having a second shaft rotation axis longitudinally concentric with the second shaft member, ~~such that the first shaft rotation axis and the second shaft rotation axis are motionless and fixed relative to one another, and such that when the first shaft member rotates the second shaft rotation axis remain fixed relative to the first shaft rotation axis.~~
  - (II) a tendon for coupling the second shaft member to the second rotatable member;
  - (III) at least one point on the tendon remaining fixed relative to the second rotation axis when said first shaft member rotates and said second shaft member is stationary, such that the first rotatable movement produced by the rotation of the first shaft element is independent of the second rotatable movement produced by the rotation of the second shaft element.